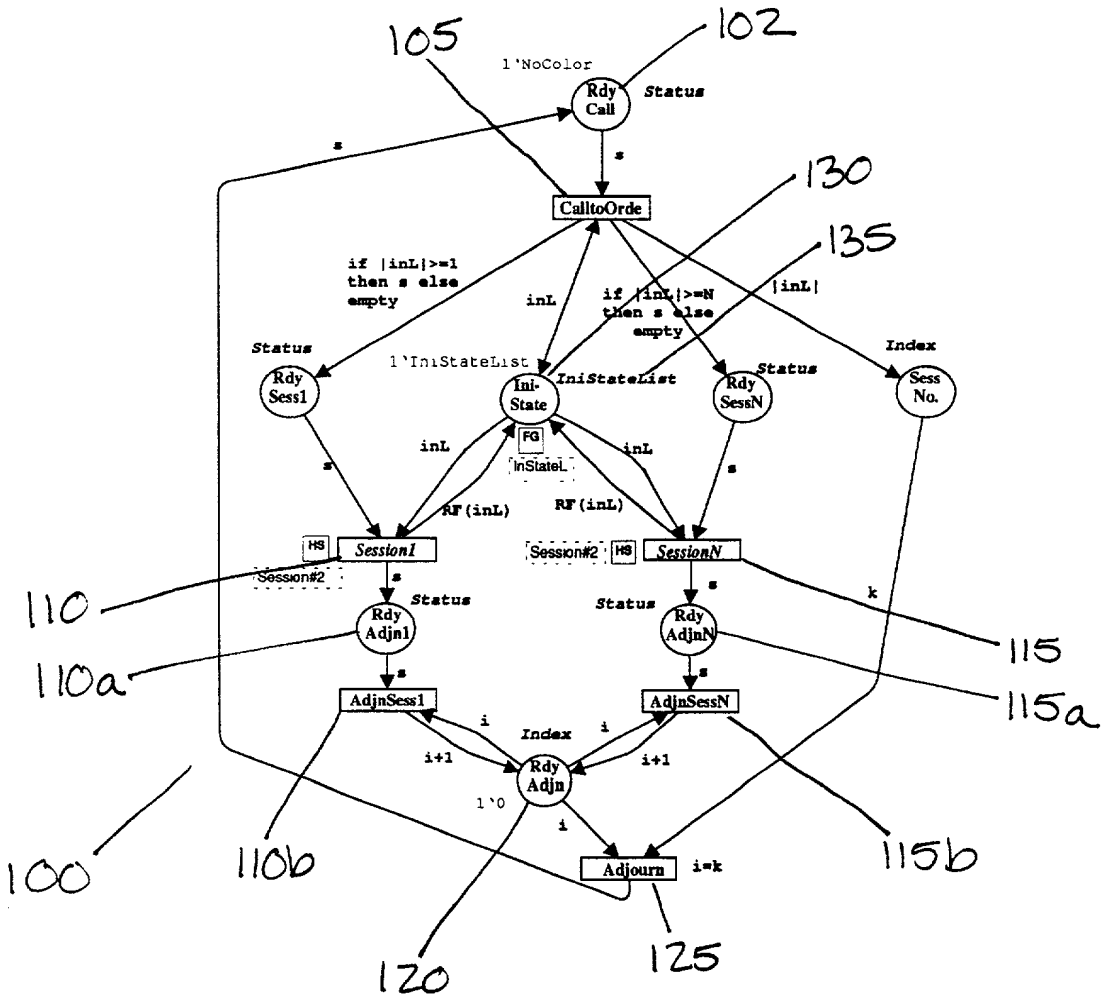
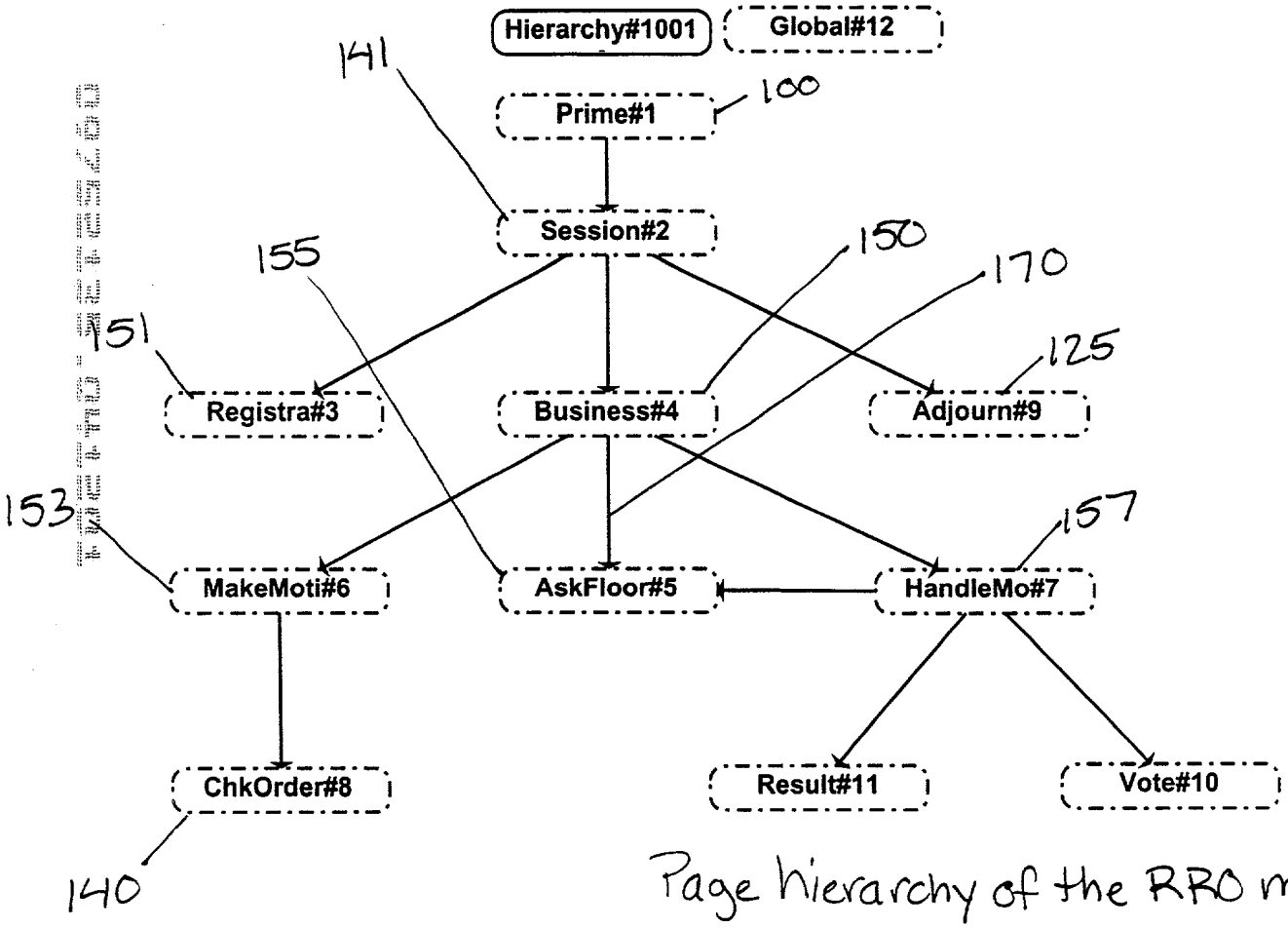


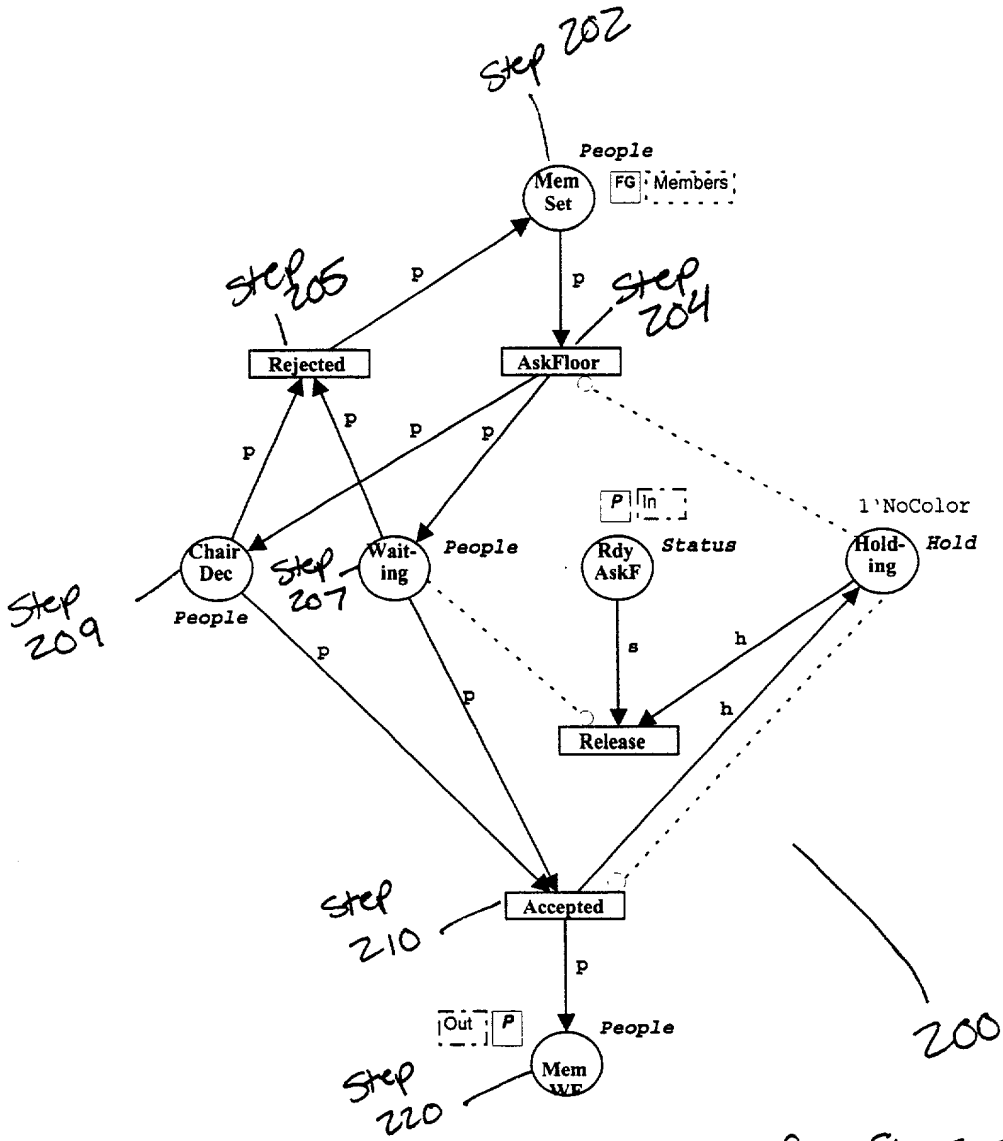
The main model (prime page) of RRO

Figure 1



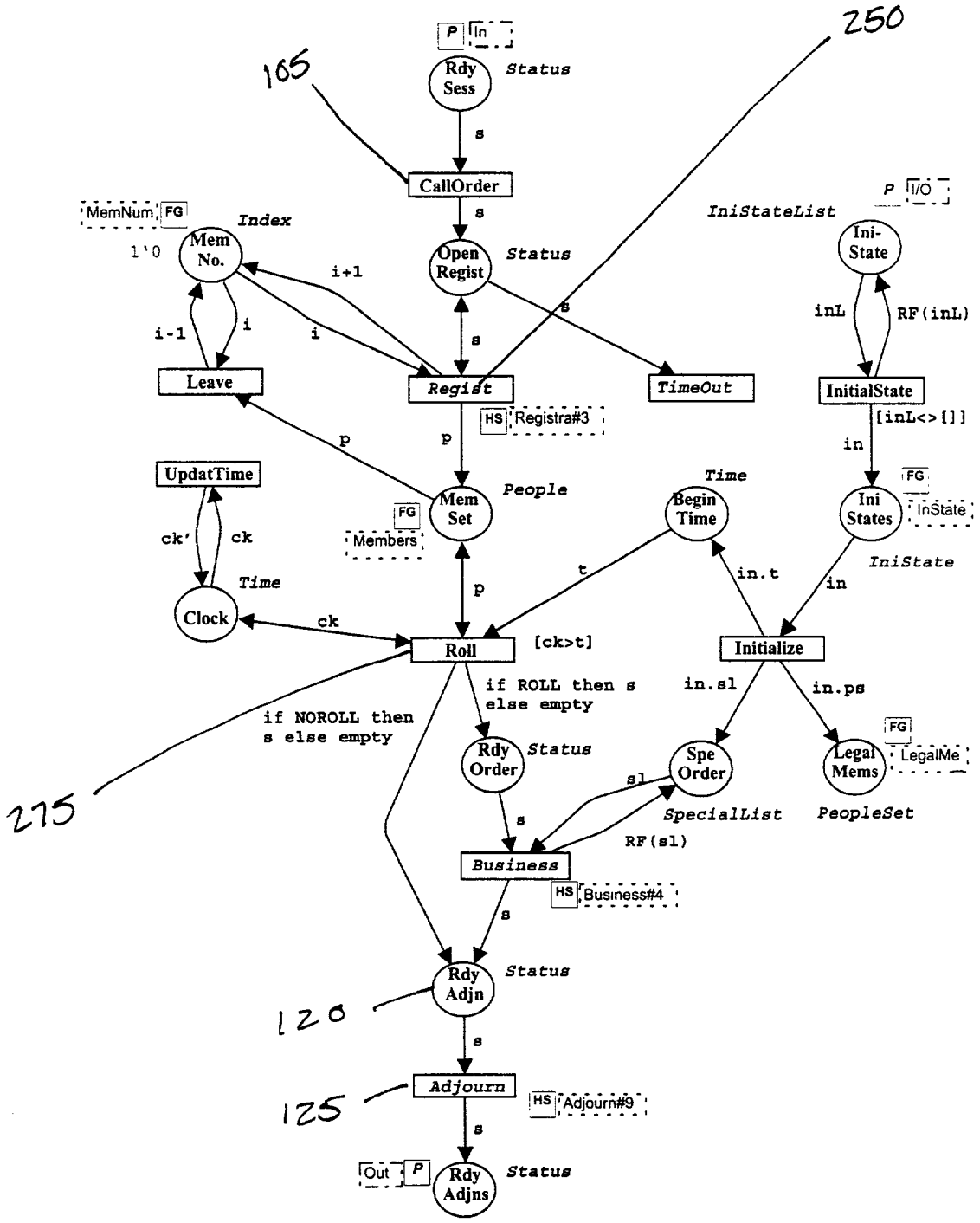
Page hierarchy of the RRO model

Figure 2



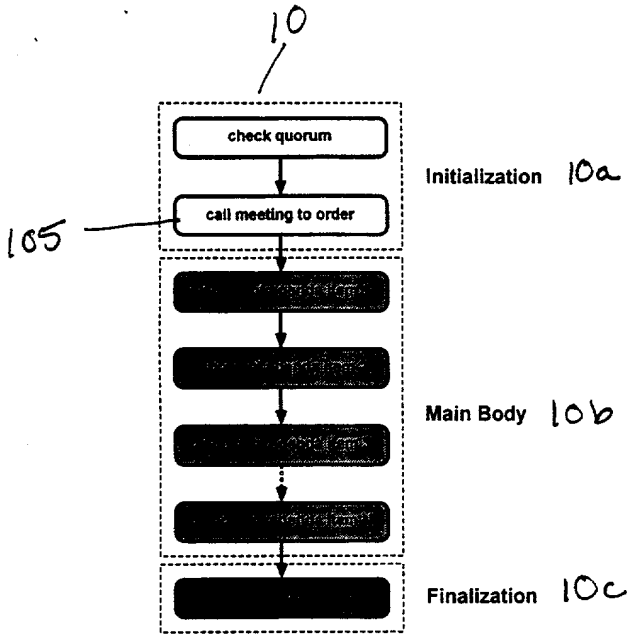
The CPN model for floor control

Figure 3



A basic order of business-session model

figure 4



Meeting

figure 5

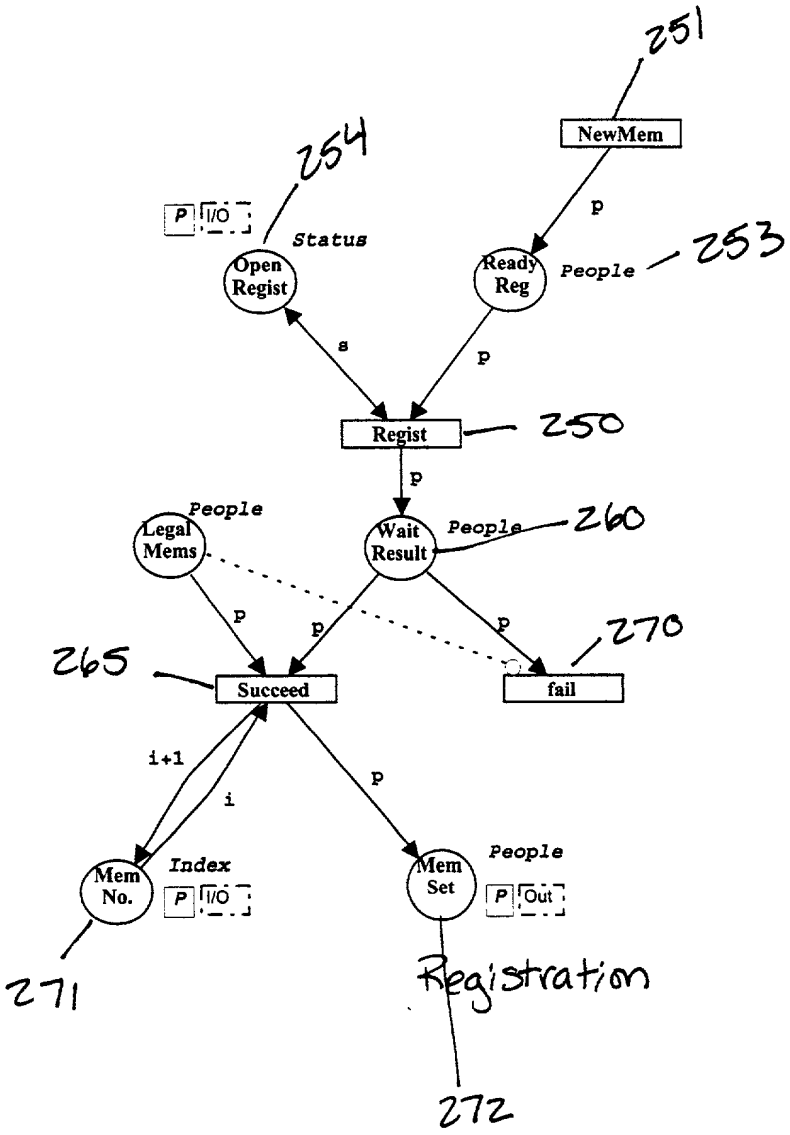
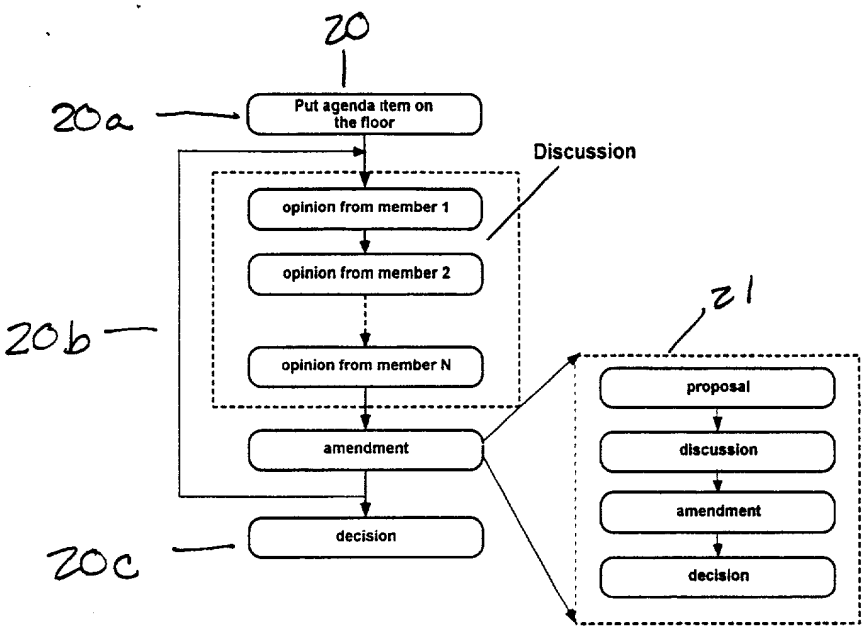
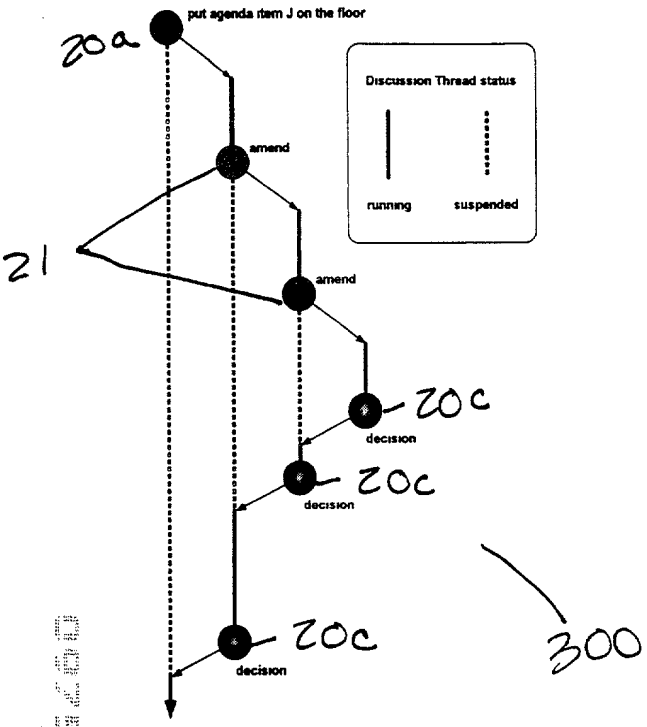

251
NewMem
254
P I/O
Status
Open Regist
p
Ready Reg
People
253
s
p
Regist
250
p
People
Legal Mems
People
Wait Result
260
p
p
p
270
265
Succeed
fail
i+1
i
p
Index
P I/O
Mem No.
People
Mem Set
P Out
271
Registration
272

Figure 6



Proposal-Discussion-Decision Cycle

figure 7



Discussion Thread

figure 8

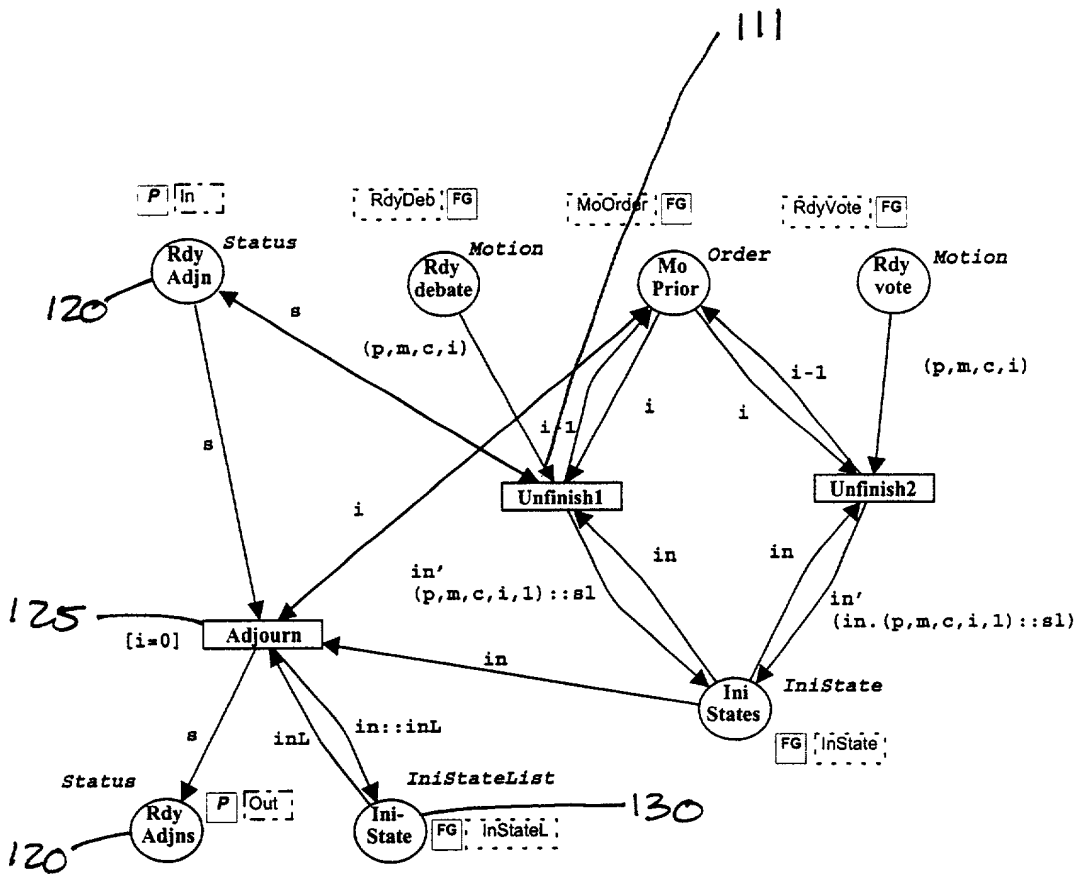

111
P In
RdyDeb FG
MoOrder FG
RdyVote FG
Rdy Adjn
Status
120
Rdy debate
Motion
Mo Prior
Order
Rdy vote
Motion
s
(p,m,c,i)
i-1
i
i
(p,m,c,i)
s
i-1
Unfinish1
Unfinish2
i
in
in
in'
(p,m,c,i,1)::sl
in'
(in.(p,m,c,i,1)::sl)
125
[i=0]
Adjourn
in
Ini States
IniState
FG InState
s
inL
in::inL
Status
IniStateList
Rdy Adjns
P Out
Ini-State
FG InStateL
130
120

Figure 9

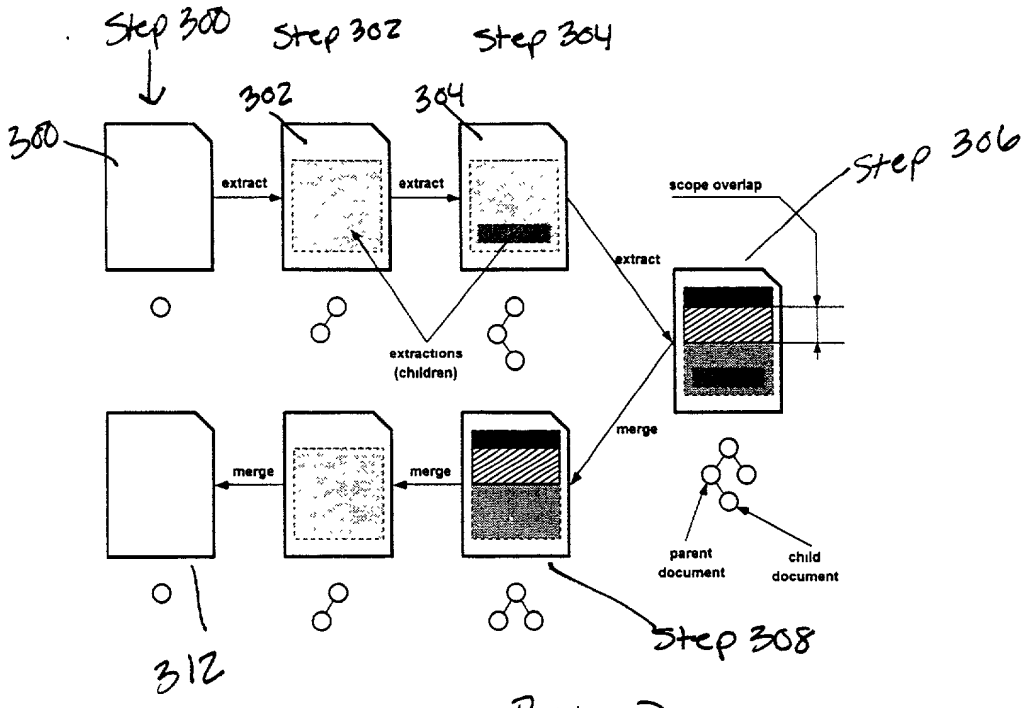
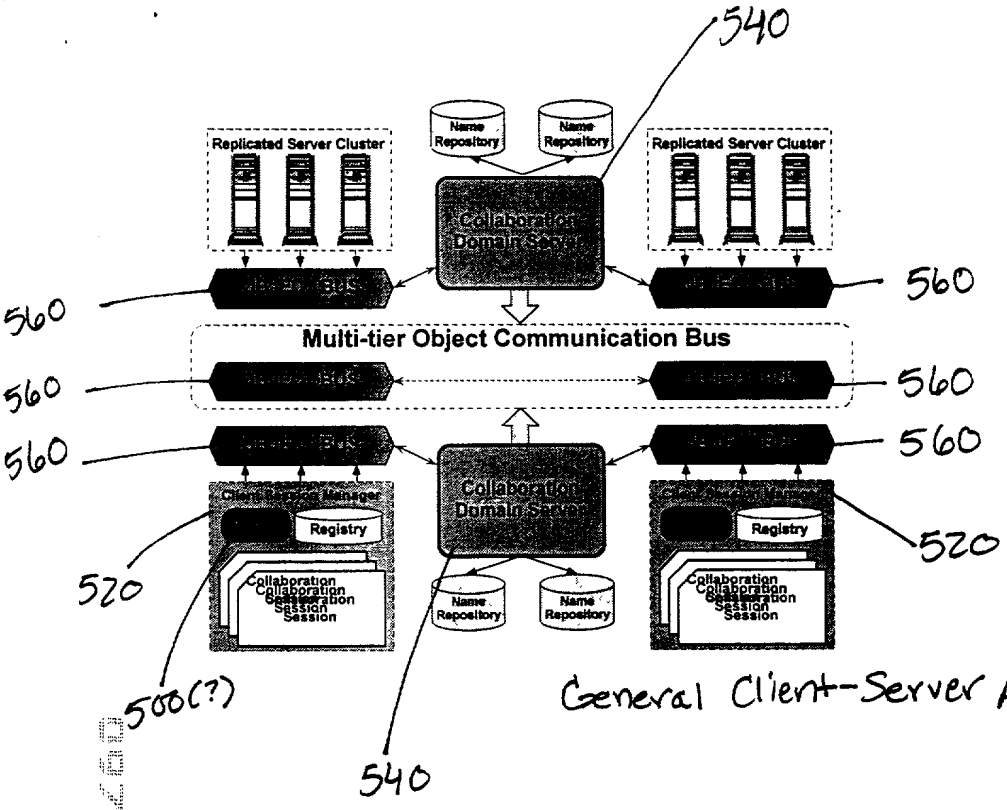
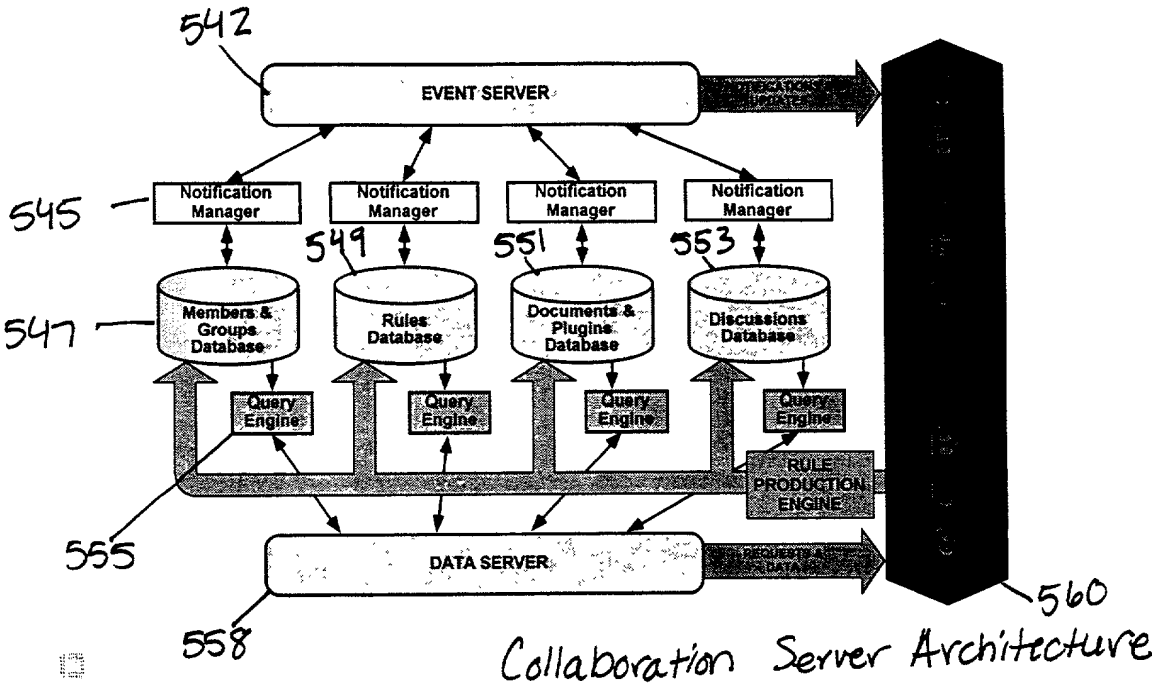

Step 300
Step 302
Step 304
300
302
304
extract
extract
scope overlap
Step 306
extract
extractions
(children)
merge
merge
merge
parent
document
child
document
Step 308
312
Delta Document

Figure 10



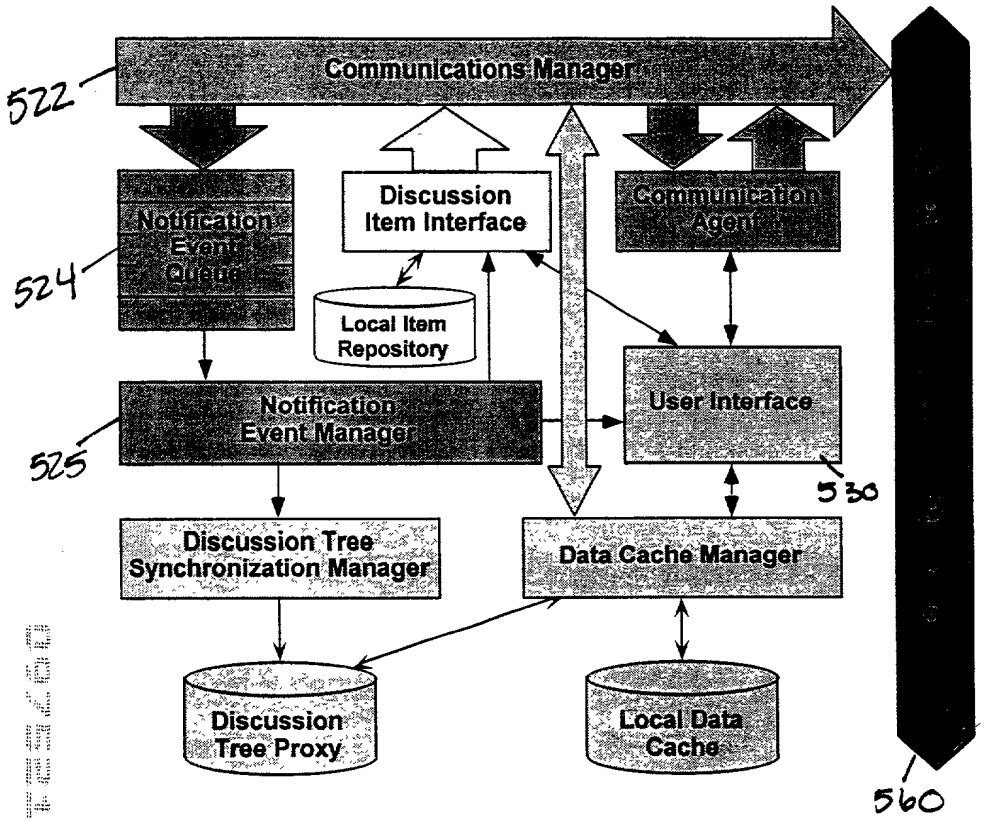
General Client-Server Architecture

Figure 11



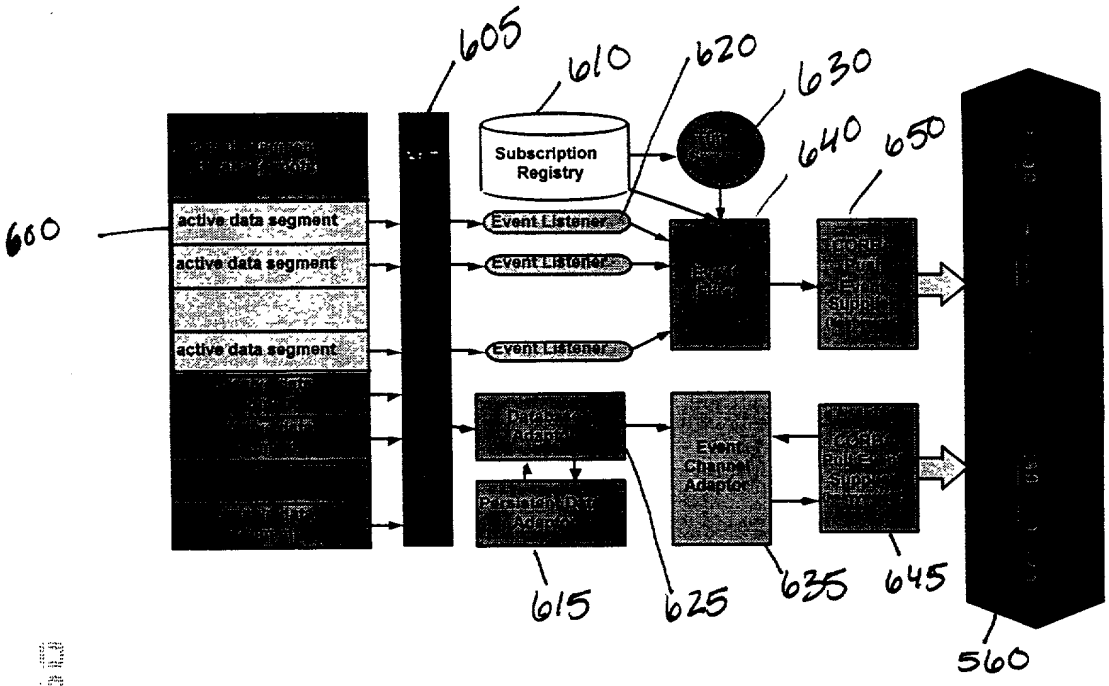
Collaboration Server Architecture

Figure 12



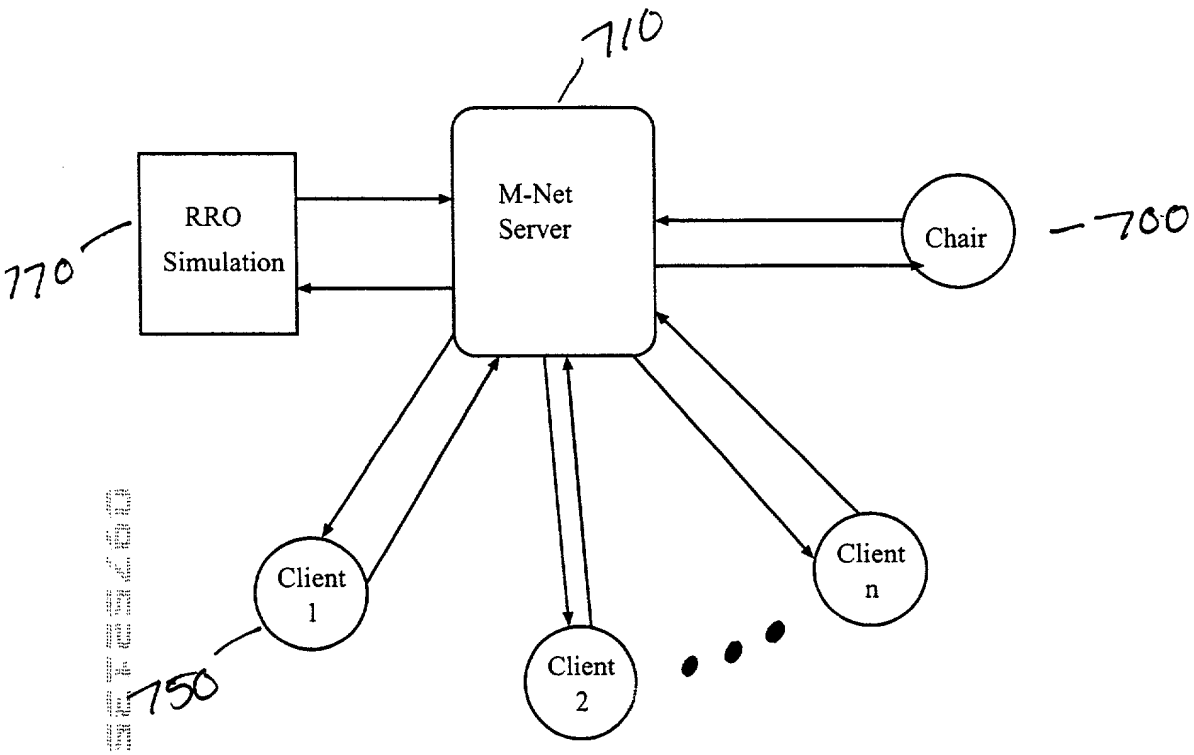
Collaboration Client Architecture

figure 13



Database Structure and event manager

figure 14



The RRO simulation in M-Net

figure 15